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**FROM:**

Rivka D. Monheit	404-8514	14
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DATE: November 3, 2003	URGENCY: <input type="checkbox"/> SUPER RUSH	<input type="checkbox"/> RUSH	<input type="checkbox"/> REGULAR
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**MESSAGE:**

Applicant: Arthur J. Coury, Stephen D. Goodrich, Hildegard M. Kramer, Luis Z. Avila, John F. Traverse, and Peter K. Jarrett

Serial No.: 09/658,390 Art Unit: 1617

Filed: September 8, 2000 Examiner: S. Wang

For: HYDROGELS FOR ORTHOPEDIC REPAIR

PTO/SB/21 (08-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number 09/658,390
Total Number of Pages in This Submission	13	Filing Date September 8, 2000
		First Named Inventor Arthur J. Coury
		Art Unit 1617
		Examiner Name S. Wang
		Attorney Docket Number FTI 126

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Remarks	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Rivka D. Monheit, Esq., Reg. No. 48,731 Suite 2000, One Atlantic Center, 1201 West Peachtree Street, N.E.; Atlanta, GA 30309-3400	Holland & Knight LLP
Signature	<i>Rivka D. Monheit</i>	
Date	November 3, 2003	

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# FEE TRANSMITTAL

## for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 110.00)

## Complete If Known

Application Number	09/658,390
Filing Date	September 8, 2000
First Named Inventor	Arthur J. Coury
Examiner Name	S. Wang
Art Unit	1617
Attorney Docket No.	FTI 126

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None

Deposit Account:

Deposit Account Number 50-1868

Deposit Account Name Holland & Knight LLP

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments

Charge any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Fee	Small Entity Fee Code (\$)	Fee	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1) (\$ .00)					

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	12	-20	0	x	= 0.00
Independent Claims	1	- 3** =	0	x	= 0.00
Multiple Dependent					= 0.00

Large Entity Fee Code (\$)	Fee	Small Entity Fee Code (\$)	Fee	Fee Description	Fee Paid
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue Independent claims over original patent	
1205	18	2206	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$ .00)					

\*For number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee	Fee Code (\$)	Fee	Fee Description	Fee Paid
1051	130	2051	85	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1261	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	110.00
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	180	Notice of Appeal	
1402	320	2402	180	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(d)	
1808	180	1808	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(e))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	800	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 110.00)

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Rivka D. Monheit	Registration No. (Attorney/Agent)	48,731	Telephone (404) 817-8514
Signature	Rivka D. Monheit	Date	November 3, 2003	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: Arthur J. Coury, Stephen D. Goodrich, Hildegard M. Kramer, Luis Z. Avila, John F. Traverse, and Peter K. Jarrett

Serial No.: 09/658,390

Art Unit: 1617

Filed: September 8, 2000

Examiner: S. Wang

For: *HYDROGELS FOR ORTHOPEDIC REPAIR*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO OFFICE ACTION

Sir:

Responsive to the Office Action mailed on July 2, 2003, please amend the application as follows. Submitted with this Amendment and Response is a Petition for Extension of Time, to extend the period for response one month, to and including Monday, November 3, 2003. The Commissioner is hereby authorized to charge \$110, the fee for a one month extension of time, to Deposit Account No. 50-1868. It is believed that no additional fee is required with this submission. However, should an additional fee be required, the Commissioner is hereby authorized to charge the fee to Deposit Account No. 50-1868.

U.S.S.N. 09/658,390

Filed: September 8, 2000

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

**Amendment**

Please enter the following amendment.

Claims 1-37 (Previously Canceled).

38. (Previously amended) A composition for forming a water-absorbing, high modulus polymeric material comprising at least one macromer and at least one monomer, wherein the macromer comprises hydrophobic and hydrophilic regions, has a molecular weight of 500 to 200,000 Da and has at least two polymerizable groups, wherein the monomer contains at least one vinyl group and has a molecular weight of less than 1,000 Da, and

wherein the monomer comprises at least 30% (wt/wt) of the composition, and wherein the composition forms a gel upon polymerization.

39. (Original) The composition of claim 38, wherein the composition is in the form of a fluid or paste.

40. (Original) The composition of claim 38, further comprising water.

41. (Original) The composition of claim 38, wherein the macromer is polyethyleneglycol-trimethylene carbonate-diacrylate.

42. (Original) The composition of claim 38, wherein the monomer is selected from the group consisting of vinyl caprolactam, methyl acrylate, methyl methacrylate, styrene, N-vinyl pyrrolidone, and N-vinyl imidazole, diacetone acrylamide, vinyloxyethanol, 2-acrylamido-2-methylpropane, and methyl acryloyl lactate and mixtures and derivatives thereof.